Please type a plus sign (+) inside this box → [+]

PTO/SB/08A (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Paterwand Trademark Office: U.S. DEPARTMENT OF COMMERCE

	te for form 1448A/PT			Man with St	mplete if Known
INFO	RMATION I	DISCI	OSURE	Application Number	09/535,015
	TEMENT BY			Filing Date	March 24, 2000
				First Named Inventor	Shunpei YAMAZAKI et al.
	(use as many sheets	as nece:	ssa <i>ry)</i>	Group Art Unit	2811
				Examiner Name	S. Crane
Sheet	1	of	1	Attorney Docket Number	0756-2131

				U.S. PATENT DOCUMEN	TS	
Examiner Initials	Cite No.1	U.S. Patent D	ocument	Name of Patentee or Applicant of	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant
		Number	Kind Code ² (if known)	Cited Document	MIN-DD-YYYY	Figures Appear
SWC		5,869,363		Yamazaki et al.	02/09/1999	
		6,478,263		Yamazaki et al.	11/12/2002	
		5,300,187		Lesk et al.	04/05/1994	
		5,627,086		Noguchi	05/06/1997	
7		5,610,737		Akiyama et al.	03/11/1997	
SWC		4,975,760		Dohjo et al.	12/04/1990	
						
					-	
		<u> </u>				
					 	· · · · · · · · · · · · · · · · · · ·

				F(DREIGN PATENT DOC	UMENTS		
Examiner Initials	Cite No.'	Foreign Patent Document			Name of Patentee or	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Office ³		ind Code ^s (if known)	Applicant of Cited Document	MM-DD-YYYY	ar Relevent Figures Appear	Τ*
SHL		JP	05-29122	0		11/05/1993		Abst.
				<u></u>		<u> </u>		
		·						
							·	
						·		
			σπο	HER PRIOR	ART - NON PATENT LITE	RATURE DOCUMENTS		
Examiner Initials	Cite No. ¹		Include name item (book, mag	of the authorization, journal	or (in CAPITAL LETTERS), al, serial, symposium, cata publisher, city and/or cour	title of the article (when appring, etc.)., date, page(s), voluntry where published.	ropriate), title of the ume-issue number(s),	T ²
SUL	/		cification, c 31/2000 to \			n Serial No. 09/699,	466 filed	
-							-	
		 	•					

Examiner	5 - A 1 - C	Date	12
Signature	CRANE	Considered	121200

Please type a plus sign (+) inside this box → [+]

PTO/SB/08A (08-00)

OCT 17 2005

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE equired to respond to a collection of information unless it contains a valid OMB control number. Under the Paperwork Reduction Act of 1995, no persons

011901 1111	Tupornoik (Codecan)	10.01.10.		la se	
Substitu	te for form 1449A/PTC)		TRADEMAN.	Complete if Known
INFO	RMATION D	isci	OSLIDE	Application Number	09/535,015
-	•	_		Filing Date	March 24, 2000
SIA	TEMENT BY			First Named Inventor	Shunpei YAMAZAKI et al.
	(use as many sheets	as neces	ssary)	Group Art Unit	2811
				Examiner Name	S. Crane
Sheet	1	of	1	Attorney Docket Number	0756-2131

				U.S. PATENT DOCUMEN	TS		
Examiner Initials	Cite No.1	U.S. Patent Doc	ument	Name of Patentee or Applicant of	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number K	(ind Code ² if known)	Cited Document	•	rigules Appea	
SC		4,511,800		Harbeke et al.	04/16/1985	<u> </u>	
		<u> </u>					

		<u> </u>				·	
	_						
						·	

Examiner Initials	Cite No.1	Fo	reign Patent Doc.		Name of Patentee or	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Kind Code ³ Office ³ Number ⁴ (if known)		Applicant of Cited Document	MM-DD-YYYY	or Relevant Figures Appear	τ°	
 		<u> </u>	ОТІ	HER PRIOR	ART - NON PATENT LIT	RATURE DOCUMENTS		
Examiner Initials	Cite No.1		Include name item (book, mag	e of the auth gazine, jourr	or (in CAPITAL LETTERS) ial, serial, symposium, cata publisher, city and/or cou	title of the article (when app log, etc.)., date, page(s), vol ntry where published.	ropriate), title of the ume-issue number(s),	T²
·								
-		1	<u> </u>					
	<u> </u>	 	 					+

Examiner	/Cara Crana/	Date	06/25/2006
Signature	/Sara Crane/	Considered	00/23/2000

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known Substitute for form 1449A/PTO 09/535,015 Application Number ENFORMATION DISCLOSURE March 24, 2000 Filing Date STATEMENT BY APPLICANT Shunpei YAMAZAKI et al. First Named Inventor Suse as many sheets as necessary) 2811 APR 2. 8 2006 **Group Art Unit** S. Crane Examiner Name PADENT PADENT **Attorney Docket Number** 0756-2131 **U.S. PATENT DOCUMENTS** U.S. Patent Document Date of Publication of Cited Pages, Columns, Lines, Where Examiner Document MM-DD-YYYY Relevant Passages or Relevant Name of Patentee or Applicant of Initials Figures Appear Cited Document Number Kind Code² (if known)

Cite No.1	F	oreign Patent D	ocument.							
	Office ³	Number ⁴	Kind Code		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T [‡]		
<u> </u>		C	THER P	RIOR	ART – NON PATENT LIT	ERATURE DOCUMENTS				
Cite No.1	item (book, magazine, journal, serial, symposium, catalog, etc.)., date, page(s), volume-issue number(s), publisher, city and/or country where published.									
	Am	erica Phys	sical O	ciet	y - Physical Revie	w. Vol. 23, No. 12, P				
		Cite No.1	Cite Include na item (book, n	OTHER PR Cite Include name of the item (book, magazine, NEMANICH, R.J. et America Physical Oct.)	OTHER PRIOR A Cite Include name of the authoritem (book, magazine, journal NEMANICH, R.J. et al., America Physical Societ	OTHER PRIOR ART - NON PATENT LIT Cite No.¹ Include name of the author (in CAPITAL LETTERS) item (book, magazine, journal, serial, symposium, cate publisher, city and/or cou NEMANICH, R.J. et al., Structure and Gre America Physical Society - Physical Revie	OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS Cite No.¹ Include name of the author (in CAPITAL LETTERS), title of the article (when apprinted item (book, magazine, journal, serial, symposium, catalog, etc.)., date, page(s), voluments, city and/or country where published. NEMANICH, R.J. et al., Structure and Growth of the Interface of America Physical Society - Physical Review, Vol. 23, No. 12, Physical Review, Vol. 24, Physical Review, Vol. 24, Physical Review, Vol. 25, Physical Review, Vol. 26, Physical Rev	OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS Cite No.¹ Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.)., date, page(s), volume-issue number(s), publisher, city and/or country where published. NEMANICH, R.J. et al., Structure and Growth of the Interface of Pd on a-SIII, The America Physical Society - Physical Review, Vol. 23, No. 12, Pages 8028-0231,		

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Date

Considered

05/12/2006

/Sara Crane/

Examiner

Signature

Approved for use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Co	mplete if Known
Application Number	09/535,015
Filing Date	March 24, 2000
First Named Inventor	Shunpei YAMAZAKI et al.
Group Art Unit	2811
Examiner Name	S. Crane
Attorney Docket Number	0756-2131
	Application Number Filing Date First Named Inventor Group Art Unit Examiner Name

				U.S. PATENT DOCUMEN	TS	
Examiner Initials	Cite No.1	U.S. Pate	int Document	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant
		Number	Kind Code ² (if known)		MM-DD-YYYY	Figures Appear
		<u> </u>				
	<u></u>					
				•		
						· · · · · · · · · · · · · · · · · · ·

					FUKE	GN PATENT DOC	OMEM 12	T	
Examiner Initials	Cite No.1	For	eign Patent D			Name of Patentee or	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Kind Code [®] Office ³ Number ⁴ (if known)			Applicant of Cited Document	MM-DD-YYYY	or Relevant Figures Appear	⊤ ⁴	
									- · ·
	-		··						
						··· · · · · · · · · · · · · · · · · ·			
	<u> </u>		(THER PR	IOR ART	- NON PATENT LITI	ERATURE DOCUMENTS	<u> </u>	
Examiner Initials	Cite No.1	it			ournal, se	rial, symposium, cata	title of the article (when appring, etc.)., date, page(s), voluntry where published.		T ²
publisher, city and/or country where published. NEMANIOH, R.J. et al., Otructure and Growth of the Interface of Pd on a Cil I, The America Physical Society - Physical Review, Vol. 23, No. 12, Pages 6828-6831, June 1981. See I.D.S. of 5 June 2006									
			• .						

		الروال والمستحد الموادات المستحد المستحد المستحدد	
ł	Examiner	/Sara Crane/	Date 05/10/0006
	Signature	/bara crane/	Considered 05/12/2006

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Please type a plus sign (+) inside this box \rightarrow [+]

Sheet

1

1

of

PTO/SB/08A (08-00) Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

2811

S. Crane

0756-2131

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known Substitute for form 1449A/PTO 09/535,015 **Application Number** INFORMATION DISCLOSURE March 24, 2000 Filing Date STATEMENT BY APPLICANT Shunpei YAMAZAKI et al. First Named Inventor (use as many sheets as necessary)

	U.S. PATENT DOCUMENTS							
P Examinar Faitials	Cite No.1	U.S. Patent Document		Name of Patentee or Applicant of	Date of Publication of Cited Document	Pages, Columns, Lines, Wher Relevant Passages or Relevan		
P Gaitals/App	\backslash		Kind Code ² (if known)	Cited Document	MM-DD-YYYY	Figures Appear		
\$GNO6	/	5,728,610		Gosain et al.	03/17/1998			
N 03 C	M .	5,402,141		Haim et al.	03/28/1995			
Ze PADEMENT								
	<u> </u>	<u></u>						
	<u> </u>	ļ			·			
		<u></u>				<u></u>		

Group Art Unit

Examiner Name

Attorney Docket Number

				FOREIGN PAT	ENT DOCU	MENTS		
Examiner Initials	Cite No.1	Foreign Patent Document		Name of Pa		Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages	•
		Office ³ Num	Kind Code [*] ber ⁴ (if known)			MM-DD-YYYY	or Relevant Figures Appear	T ⁰
<u> </u>	-				·			
			OTHER PR	OR ART - NON PA	TENT LITER	ATURE DOCUMENTS		
Examiner Initials	Cite No.1	Includ item (bo	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.)., date, page(s), volume-issue number(s), publisher, city and/or country where published.					
sc		NEMANICH, R.J. et al., Structure and Growth of the Interface of Pd on a-SiH, The American Physical Society - Physical Review, Vol. 23, No. 12, Pages 6828-6831, June 15, 1981.						

Examiner	/Comp Crane/	Date	06/25/2006	
Signature	/Sara Crane/	Considered	00/23/2000	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.